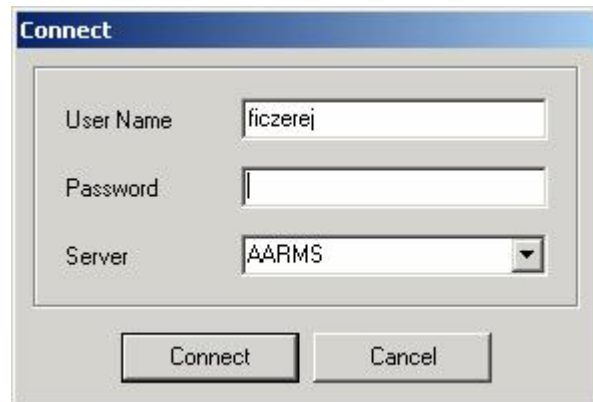


# **Chapter 13 - Logging On to the Tool Set**

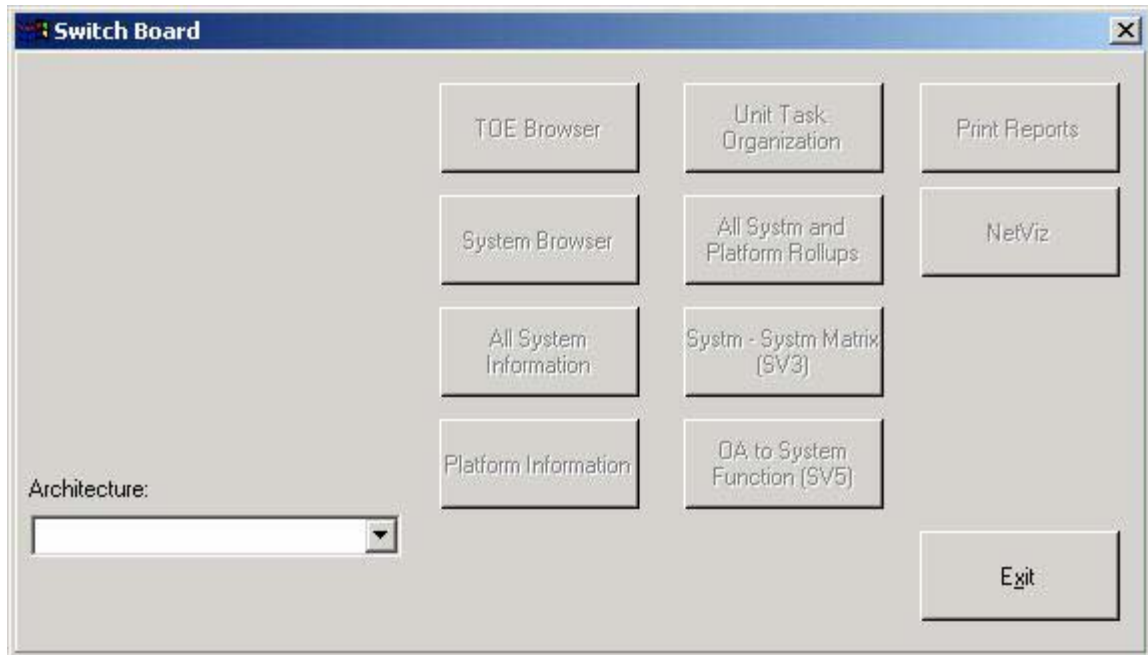
1. From the AARMS Control Panel, select the tool set you wish to use. In our example, select the SA Tool Set by choosing the **SA Tool Set** button, or by highlighting and selecting the word Systems on the AARMS Logo with the mouse.



1. **Logon.**
  - [ ] a. Enter a valid **User Name**
  - [ ] b. Enter valid **Password** for **User Name** entered.



- [ ] c. Select the **Connect** button.
2. **Logon** attempt Successful.
  - [ ] a. The AARMS SA Switchboard will appear.



3. **Logon** attempt Unsuccessful.  
[ ] a. A warning dialog box will appear

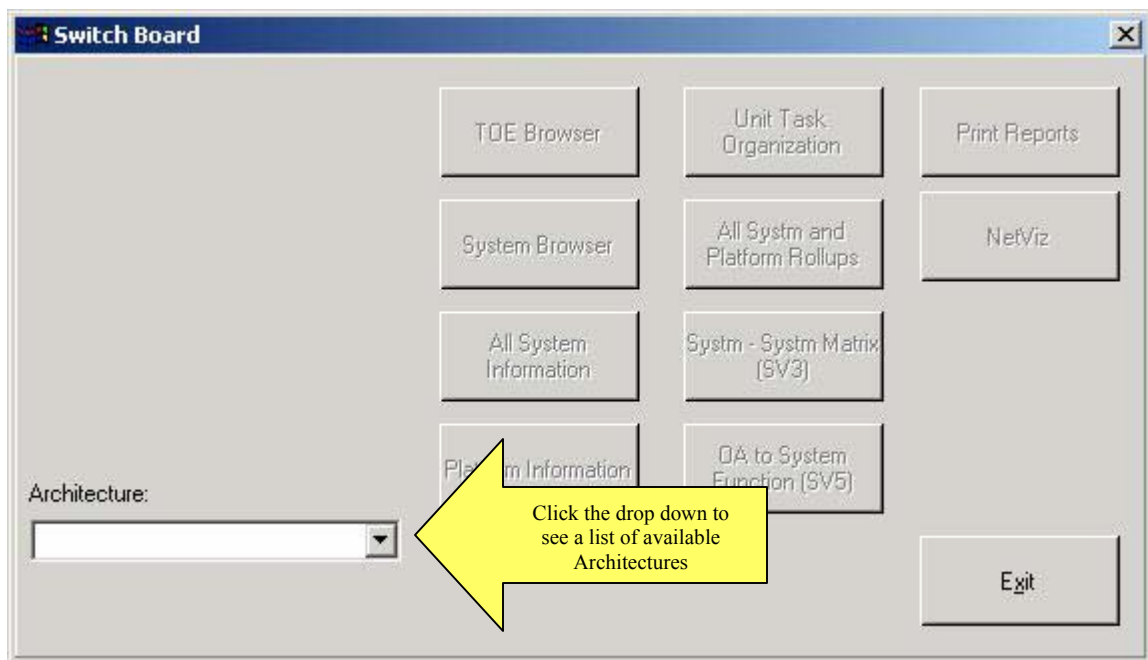


- [ ] b. Select the **OK** button.  
[ ] c. Go back to step 1 and retry logon procedure entering valid **User Name** and **Password**.

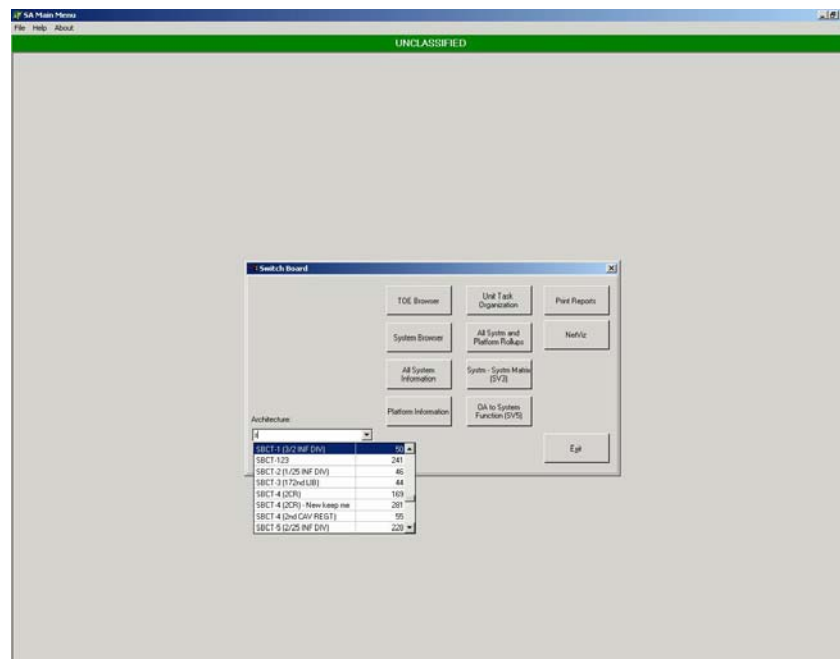
**[ PAGE INTENTIONALLY LEFT BLANK ]**

# **Chapter 14 – Switch Board**

1. The **Switch Board** is the core component of the SA Tool Set. It is from this location that you will select an Architecture and Navigate through the various **information sets** available for this architecture.

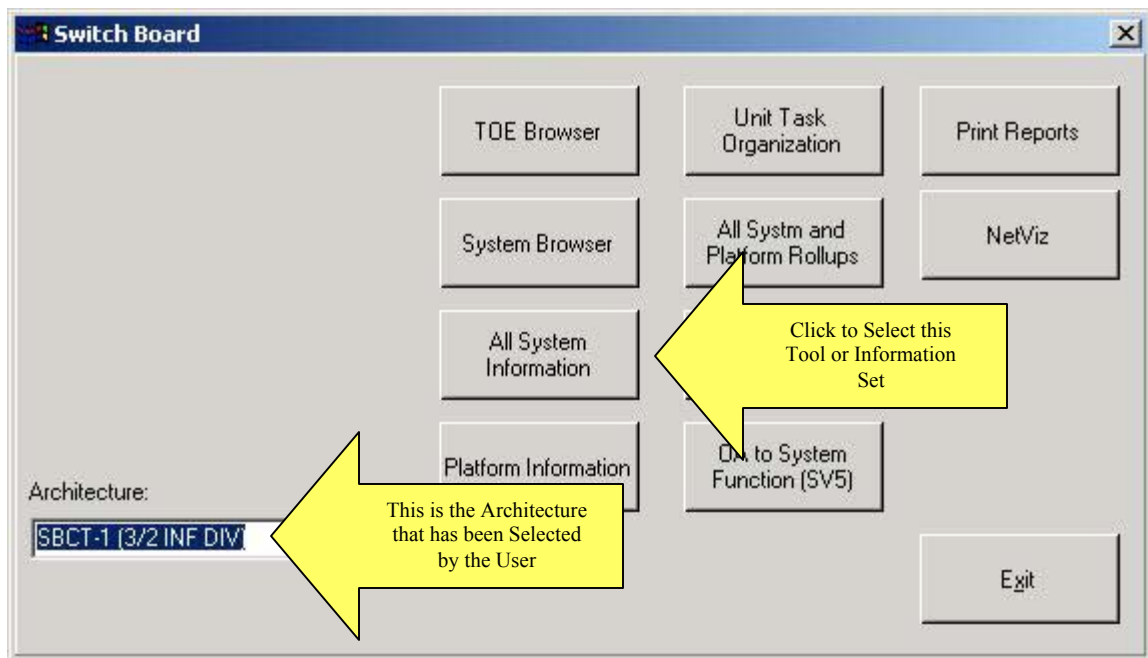


2. Selecting Architecture.
  - a. Click the drop down to see a list of available architectures.



- b. Use the scroll bar on the right to browse through available architectures.
  - c. You may also type in the beginning characters of the Architecture name in the Edit Box to jump to that architecture in the selection list.

- [ ] d. To select the Architecture highlight and select the desired architecture. The selected architecture will be displayed in the Architecture window.



3. Selecting Information Sets and Tools.

- [ ] a. Move the mouse pointer to the button depicting the tool or information set you wish to use and click the left mouse button.


4. Exiting the SA Tool Set.

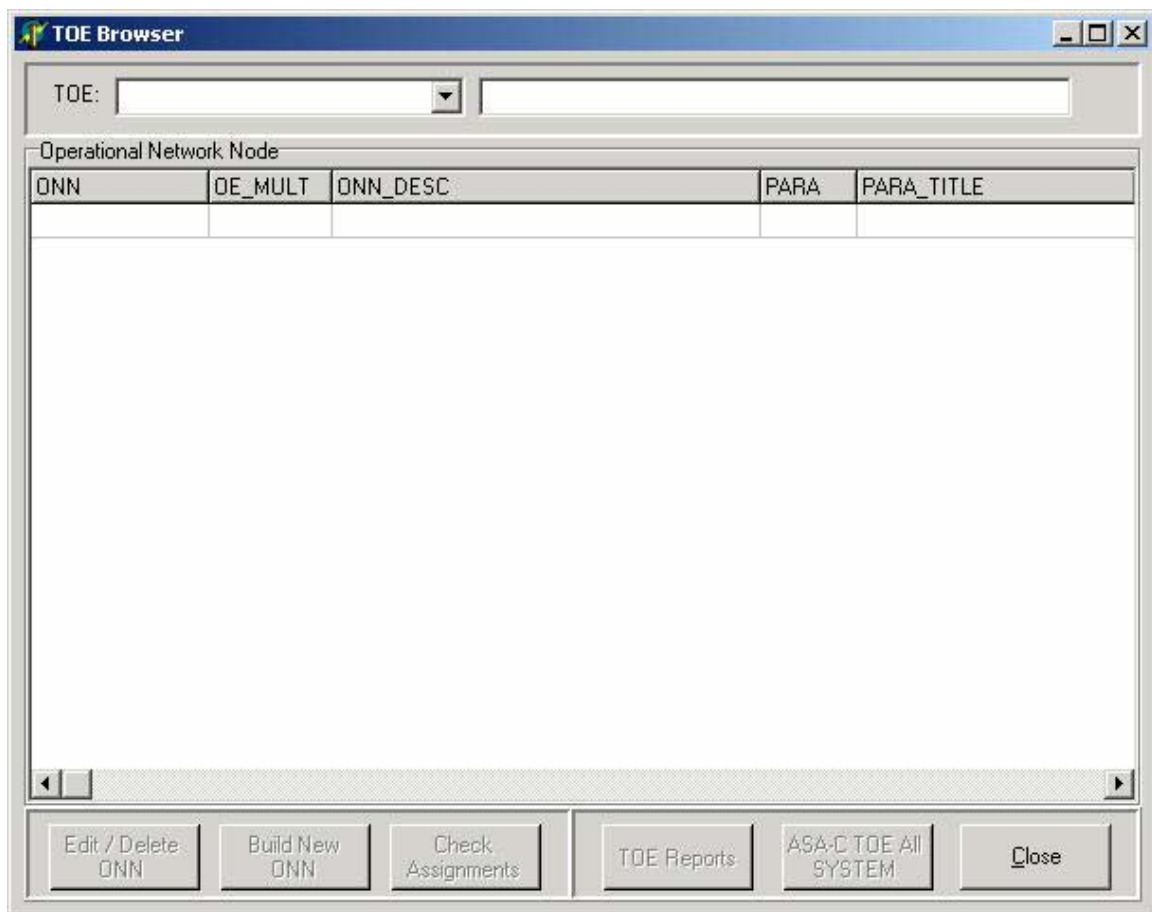
- [ ] a. Move the mouse pointer to the Exit button and click the left mouse button.

**[ PAGE INTENTIONALLY LEFT BLANK ]**



# **Chapter 15 – Viewing Existing Architectures**

1. The **TOE Browser** is the primary access point for viewing and working with TOE's and ONN's. To access the Toe Browser move the mouse pointer to the  button and click the left mouse button.  
**NOTE:** Be sure to select the Architecture you wish to view first. See **Chapter 14** for instructions on selecting Architectures.
2. The **TOE Browser** provides a drop down listing of available TOE's for the selected Architecture Information Set.



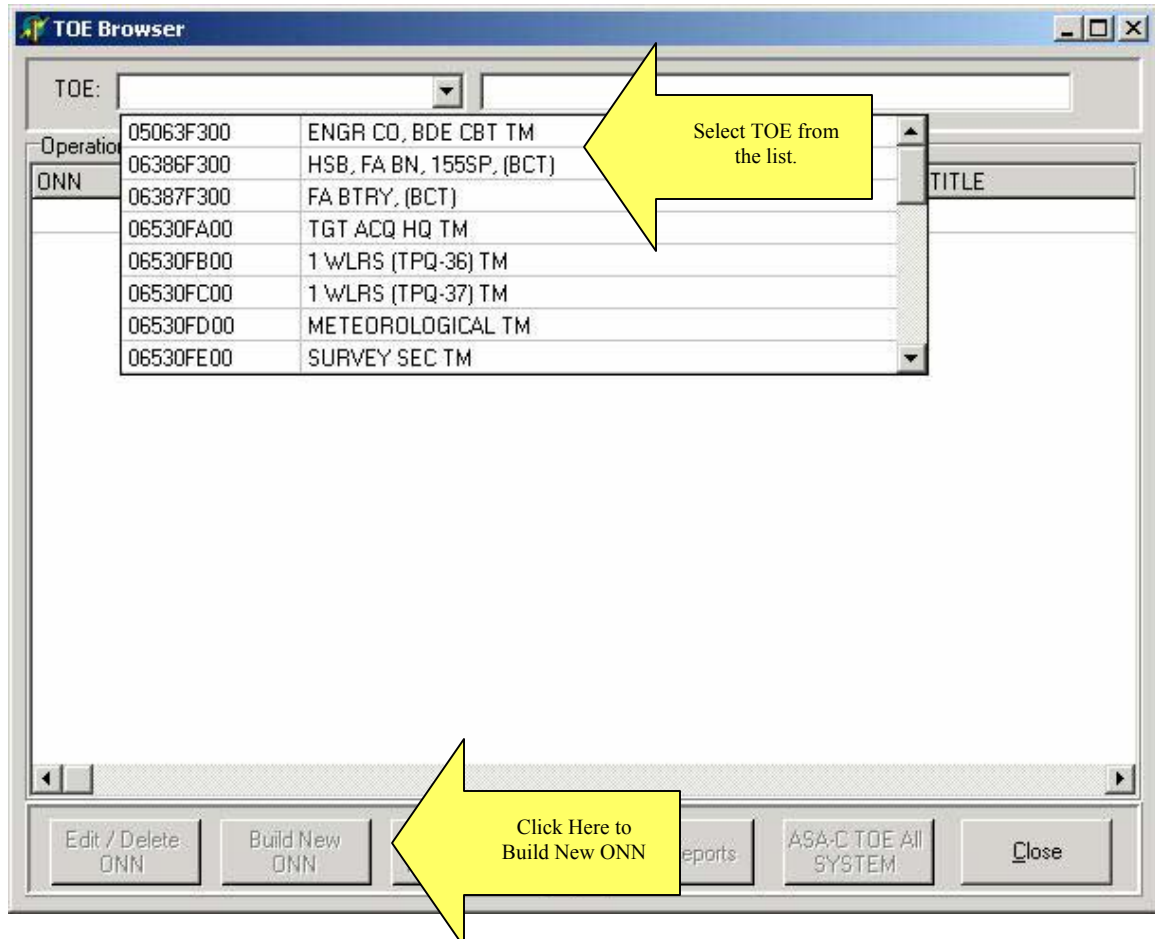
3. From the **TOE Browser** the user has access to the following:
  - a. A listing of all TOE's for a given architecture.
  - b. ONN's assigned to a TOE
  - c. Reports on each TOE
4. Additional abilities from the **TOE Browser** are as follows:
  - a. Edit / Delete ONN's.
  - b. Build New ONN's.
  - c. Check to make sure all equipment has been assigned to platforms for a selected TOE.
  - d. Access to ONN detail.

**NOTE:** See **Chapter 20 – Using Browsers** for a detailed explanation on the use of this Browser.

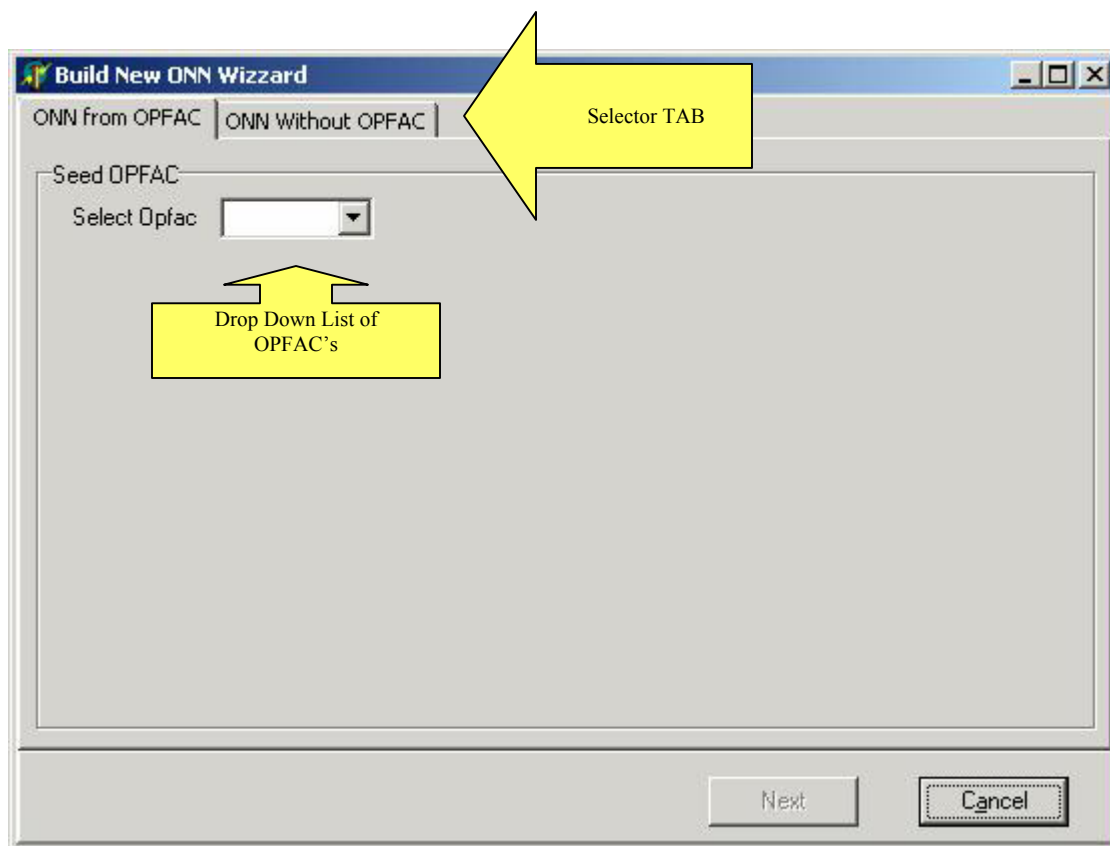
**[ PAGE INTENTIONALLY LEFT BLANK ]**

# **Chapter 16 – Building the Operational Network Node (ONN)**

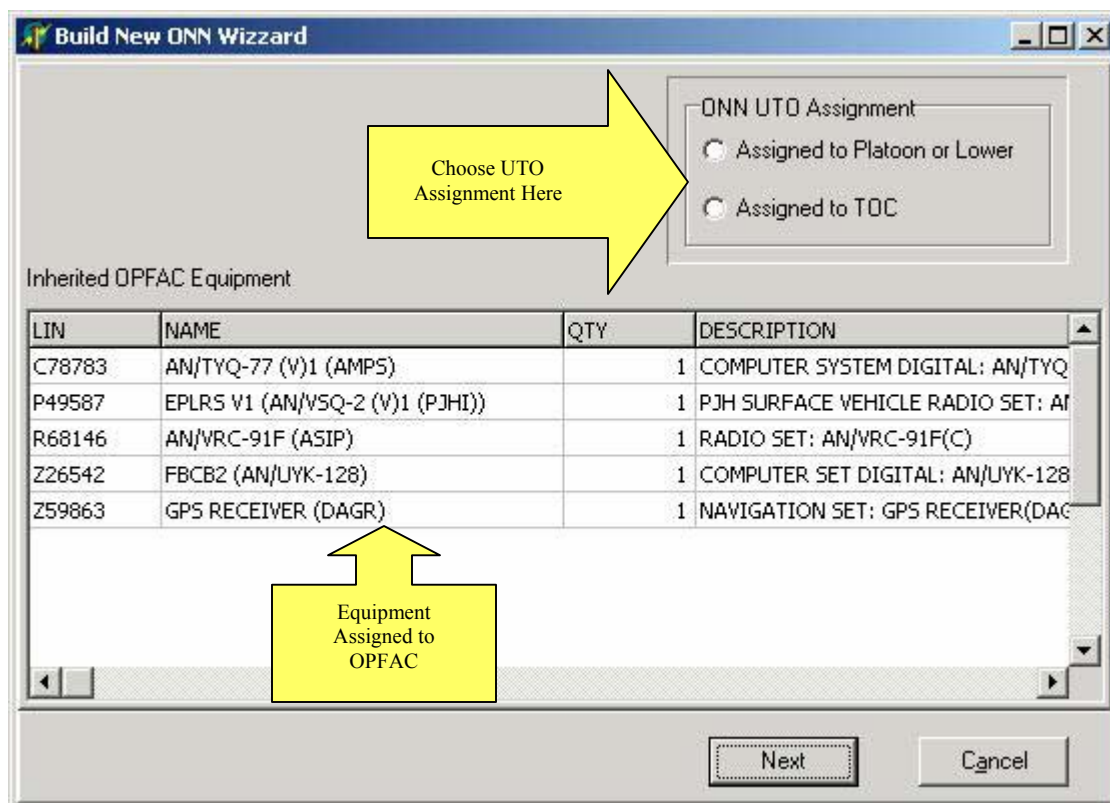
1. Building an Operational Network Node (ONN) is done from the **TOE Browser**.
  - [ ] a. Select Architecture.
  - [ ] b. Select the **TOE Browser** from the **Switchboard**.
  - [ ] c. Select the TOE using the Drop Down list.



- [ ] d. Move the mouse pointer to the Build New ONN button and click the left Mouse Button to start the **ONN Builder Wizard**.
  - [ ] e. The **Build ONN Wizard** has two ways you can build an ONN, from a Seed OPFAC or without a seed OPFAC.
  - [ ] f. To build an ONN from a seed OPFAC Select the TAB **ONN from OPFAC** then use the drop down to select the seed OPFAC you wish to use to build your ONN.



[ ] g. After selecting the seed OPFAC move the mouse pointer to the **Next** Button and click the left mouse button.



[ ] **h.** ONN UTO Assignment. Move the Mouse pointer to the location for assignment and click the left mouse button. Then move the mouse pointer to the **Next** button and click the left mouse button.

Build New ONN Wizard

Proposed ONN

1ZZ10UB200E AVN CO/TRP COMMANDER/VEHICLE (FXXI)

ONN Multiplier:

Paragraph:

Justification:

Finish Cancel

[ ] **i.** Complete the ONN buy entering the Data on the last page as seen above. After entering the above data the **Finish** button will then become active. When the button is active you move the mouse pointer over the button and click the left mouse button. This will complete the building of this ONN.

[ ] **j.** To build the ONN with out the use of a seed OPFAC move the mouse pointer to the **ONN Without OPFAC** Tab and click the left Mouse Button.

[ ] **k.** Complete the form. After completing the Justification the Next button will no longer be grayed out and will change to a Finish Button. Move the mouse pointer to the **Finish** button and click the left Mouse Button. This will complete the building of the ONN and place the ONN in the ONN list box of the **TOE Browser**. The ONN is now ready for further development using ONN information screen (see Chapter 17 – Modify an Existing Architecture).

**Build New ONN Wizard**

ONN Without OPFAC

Proposed ONN from Notional OPFAC

OPFAC:  Name:

ONN UTO Assignment

☒ Assigned to Platoon or Lower ☐ Assigned to TOC

ONN:  ONN Name:

ONN Multiplier:

Paragraph:  Para Name:

Justification:

Next Cancel

**Build New ONN Wizard**

ONN Without OPFAC

Proposed ONN from Notional OPFAC

OPFAC: 122210 Name: Test OPFAC

ONN UTO Assignment

☒ Assigned to Platoon or Lower ☐ Assigned to TOC

ONN: 1ZZ00122210 ONN Name: OPFAC TEST

ONN Multiplier: 1

Paragraph: 0001 Para Name: TROOP HEADQUARTERS

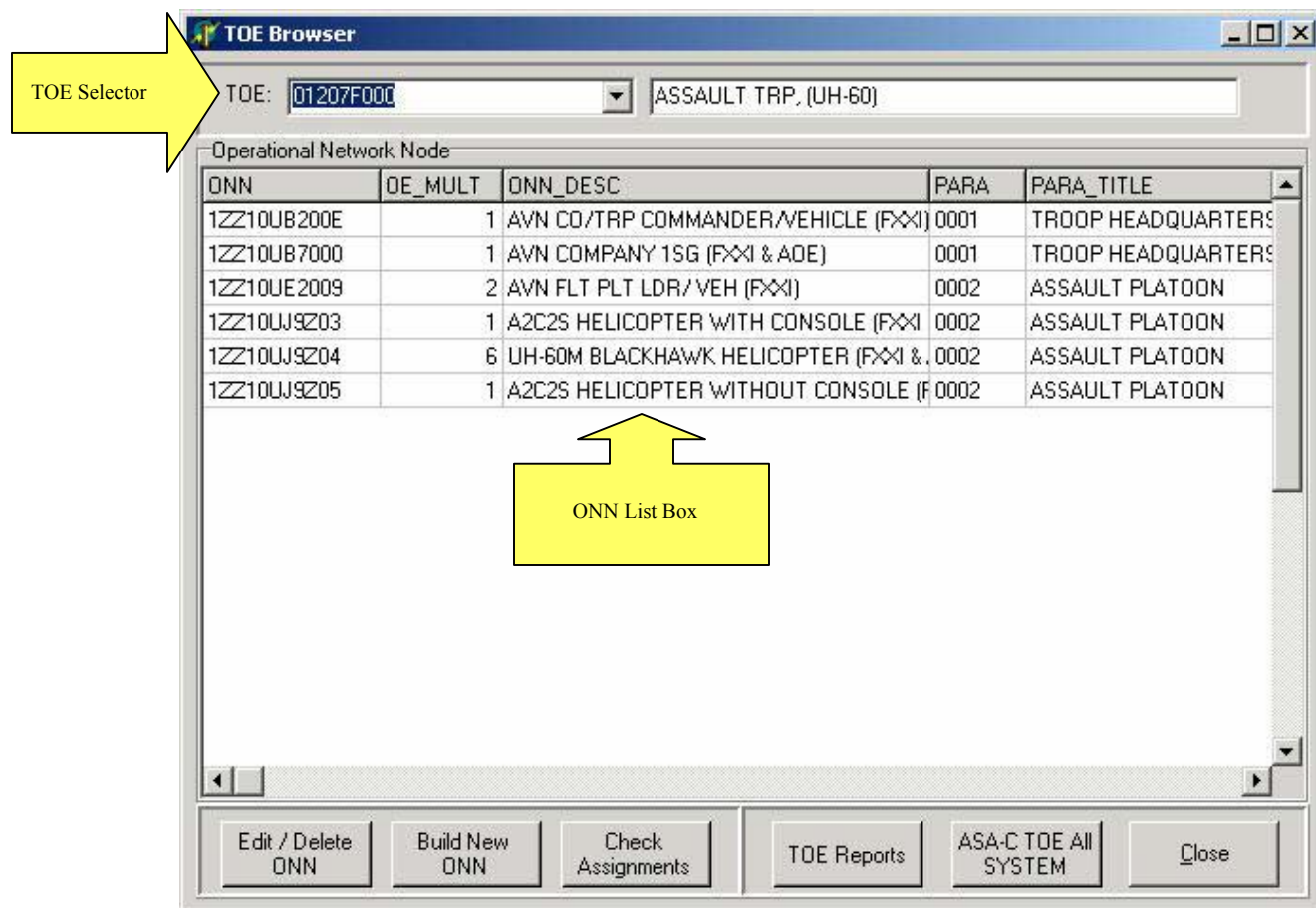
Justification: test

Finish Cancel



# **Chapter 17 – Modifying Existing Architectures**

1. Select the Architecture from the Architecture selector and then start the TOE browser by moving the mouse pointer to the TOE Browser button and clicking the left mouse button.
  - a. Select a TOE using the TOE Selector



2. The **TOE Browser** is the primary access point for working with TOE's and ONN's. Using the **TOE Browser** you have the following options:
  - a. Build a new ONN
  - b. Edit / Delete an ONN
  - c. View TOE Reports
  - d. View Equipment
3. To choose an ONN for further development move the mouse pointer over the top of the ONN and double click the left mouse button. This action will bring up the ONN information window.

ONN

Operational Network Node: **1ZZ10JB200E** AVN CO/TRP COMMANDER/V Multiplier: **1**

Equipment / Systems				
LIN	SHORT_NAME	QTY	FD	TS
P49587	EPLRS V1 (AN/VSQ-2 (V)1 (PJH))	1	Y	Y
R68146	AN/VRC-91F (ASIP)	1	Y	Y
Z59863	GPS RECEIVER (DAGR)	1	Y	Y
D41659	DVE (AN/VAS-5)	1	Y	Y

LIN	SHORT_NAME	QTY
C78783	AN/TYQ-77 (V)1 (AMPS)	
Z26542	FBCB2 (AN/JYK-128)	

Platforms					
A	LIN	SHORT_NAME	QTY	FD	TS
*	T61494	M998 A1 (HMMWV)	1	N	N

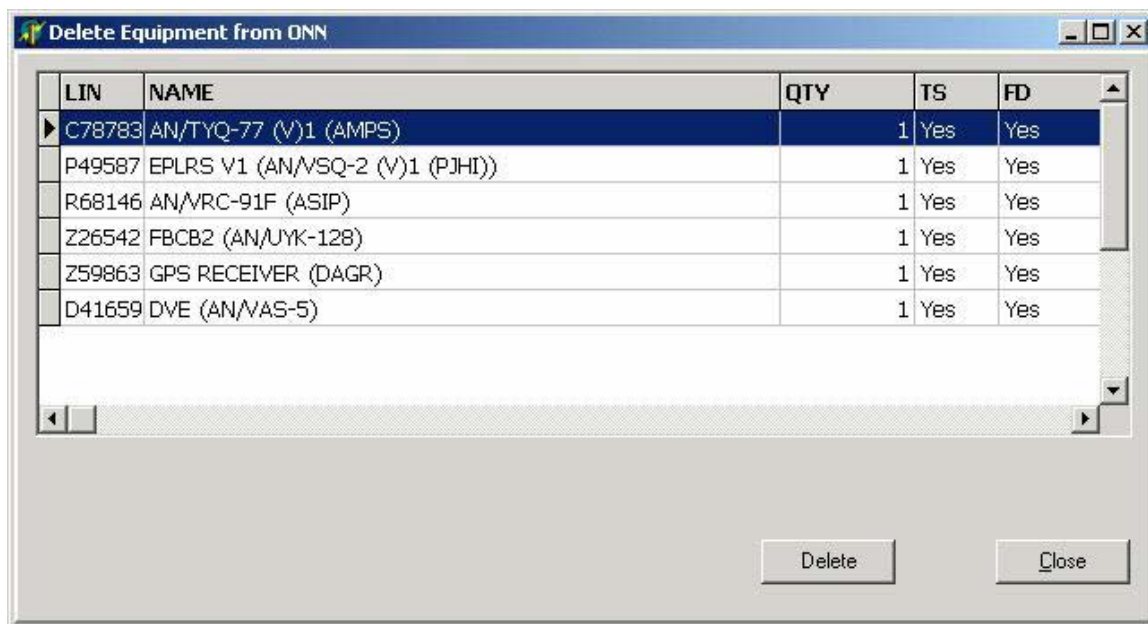
  

Nets	
NET	EQUIPMENT

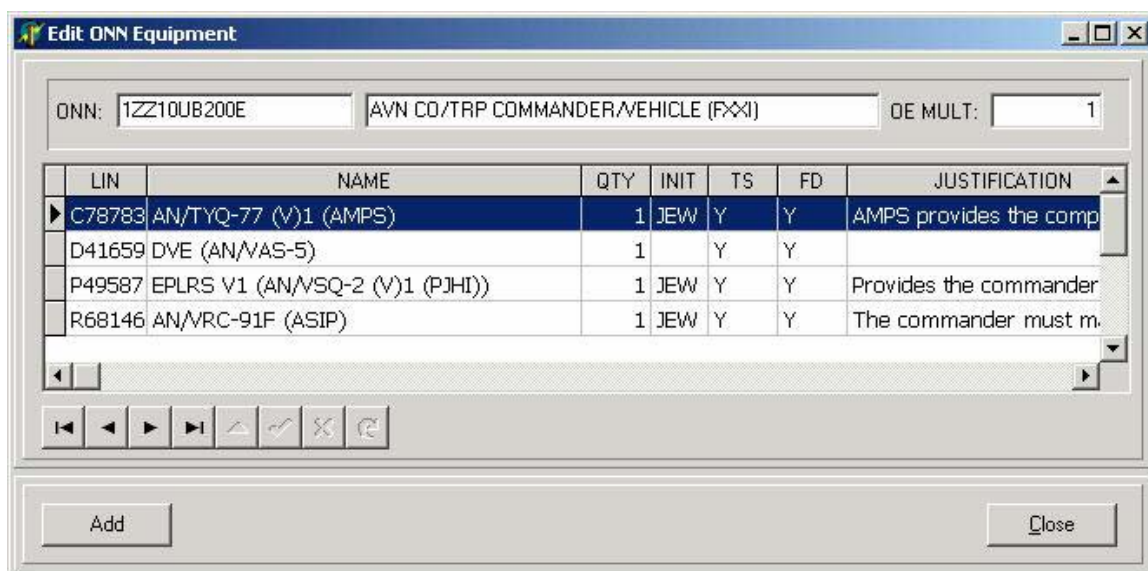
  

ONN Assignments	
SUB_UNIT	

4. From this screen you can do the following:
  - a. Delete Equipment or systems from an ONN
  - b. Add / Edit Equipment and Systems to an ONN
  - c. Add / Edit / Delete Platforms
  - d. Assign IER's
  - e. Assign Nets
  - f. Assign ONN's to organizations
  - g. Assign Equipment to Platforms
  - h. View System components
5. To delete equipment or systems from an ONN move the mouse pointer to the **Delete Equip/System** button and click the left mouse button.
  - a. Choose from the list the item to be deleted by moving the mouse pointer to the line the item is on and then click the left mouse button one time. This should highlight the item to be deleted.
  - b. Move the mouse pointer to the **Delete** button and click the left mouse button.




- To Add / Edit Equipment and Systems to the ONN move the mouse pointer to the Add/Edit Equip/System button and click the left mouse button.



- The Edit ONN Equipment window is shown first. Future enhancements to this window will include the ability to change item quantities, justification, and if it is funded and TOE supported. To add new items move the mouse pointer to the **Add** button and click the left mouse button.
- The Add Equipment ONN window is where you will add new equipment and or systems to your ONN.

**Add Equipment To ONN**

Operational Network Node: 1ZZ10UB200E TOE: 01207F000

Name:  

LIN:

Quantity:  TOE Sptd: Yes  Funded: Yes  Modified By: JJF

Rationale:

**IEM's**

Key	Status	IER Type	Producer	Producer Name

Refresh Save Save And Exit Cancel

9. To add new items move the mouse pointer to the **Search** button and click the left mouse button.

The screenshot shows a 'Search' dialog box with the following components and annotations:

- Search Characters:** A text input field at the top.
- Search Box:** A yellow arrow points to the 'Search Characters' input field.
- Column Title:** A yellow arrow points to the header row of the table, which contains the column names: MATI\_ID, AMATI\_LIN\_ID, and MTRL\_ITM\_NM.
- Item List Box:** A yellow arrow points to the table containing the search results.
- Scroll Bar:** A yellow arrow points to the vertical scroll bar on the right side of the table.
- Buttons:** At the bottom right, there are two buttons: 'OK' (with a green checkmark icon) and 'Cancel' (with a red X icon).

MATI_ID	AMATI_LIN_ID	MTRL_ITM_NM
2000891	C18344	(SAAS-MMC (DL-605/TYQ)
2012756	XXX861	1D-2123/GKY-29(V)
2012721	XXX196	A/V SWITCHING SYSTEM (COTS)
2012235	Z90140	A2C2S MVR CDR'S ENVIRONMENT
2012340	XXX144	AB-1386
2012355	XXX800	ABCS VER 6.2 SOFTWARE
2012149	C18176	ACT-E (AN/TYQ-103 )
2012859	Z00464	ACTDEF VAN (AN/TSQ-XXX (V)1))
2012962	Z01362	ADA AD/LOG VAN (AN/TSQ-185 (V)1)
2012878	Z23138	ADA CADE VAN (AN/TSQ-XXX (V)1)
2012872	Z16720	ADA COMM VAN (AN/TSQ-XXX (V)1)

10. The Search Wizard gives you the ability to search by the MATI\_ID, AMATI\_LIN\_ID or MTRL\_ITM\_NM. By default the MATI\_ID is the default search item. To change move the mouse pointer to the column title of the column you wish to search and click the left mouse button and hold it down and drag the column to the first position. You can scroll through the list using

- the scroll bar on the right or you can type in the Search Characters box the beginning characters of the item you are trying to find. After finding the item in the list move the mouse pointer to that row in the item list box and click the left mouse button. Then move the mouse pointer to the ok button and click the mouse button.
11. Complete the rest of the form and save the addition by moving the mouse pointer to the **Save and Exit** button and clicking the left mouse button.
  12. To add or delete platforms move the mouse pointer to the **Add/Edit Platforms** button and click the left mouse button.

Operational Network Node:  Mult:

LIN	NAME	QTY	INIT	TS	FD	JUSTIFICATION
T61494	M-998 A1 (HMMwV)	1	DLG	Y	Y	BCT-1 Ver 1.35 BASELINE

Buttons: Delete Current Platform, Add Platform, Close

Navigation icons: Previous, Previous, Previous, Next, Next, Next, Home, Up, Check, X, Refresh

13. To delete a platform highlight the platform to be deleted by moving the mouse pointer over the row containing the platform and clicking the left mouse button. Then move the mouse pointer to the **Delete Current Platform** button and click the left mouse button. (**NOTE:** You must make sure there is no equipment assigned to the platform before deleting it. See the section in this chapter on assigning and un-assigning platforms)
14. To Add a new platform move the mouse pointer to the **Add Platform** button and click the left mouse button.

**Add New Platform to ONN**

Operational Network Node: 1CA11EB2100 TOE: 05063F300

Name:   Search

LIN:

Quantity:  TOE Sptd: Yes Funded: Yes Modified By:

Rationale:

Refresh Save Save and Exit Cancel

15. Move the mouse pointer to the Search button and click the left mouse button.

**Search**

Search Characters:

Name	LIN	MATI
10KW 28V MULTIFUEL TAC UTIL	G38140	2002878
10KW 400 HZ (SKID MTD)	G74779	2003032
10KW 400 HZ TAC UTIL	G35981	2002872
10KW 60 HZ (SKID MTD)	G74711	2003031
10KW 600HZ TAC UTIL	J35825	2003645
15KW 400HZ (TRL MTD)	G78203	2003046
15KW 50/60 HZ (SKID MTD)	G12170	2002767
28VDC (SKID MTD)	G36169	2002874
30KW 50/60 HZ (SKID MTD)	G74575	2003029
3KW 60 HZ (SKID MTD)	G18358	2002783
3KW 60 HZ (SKID MTD)	G54041	2002927

OK Cancel

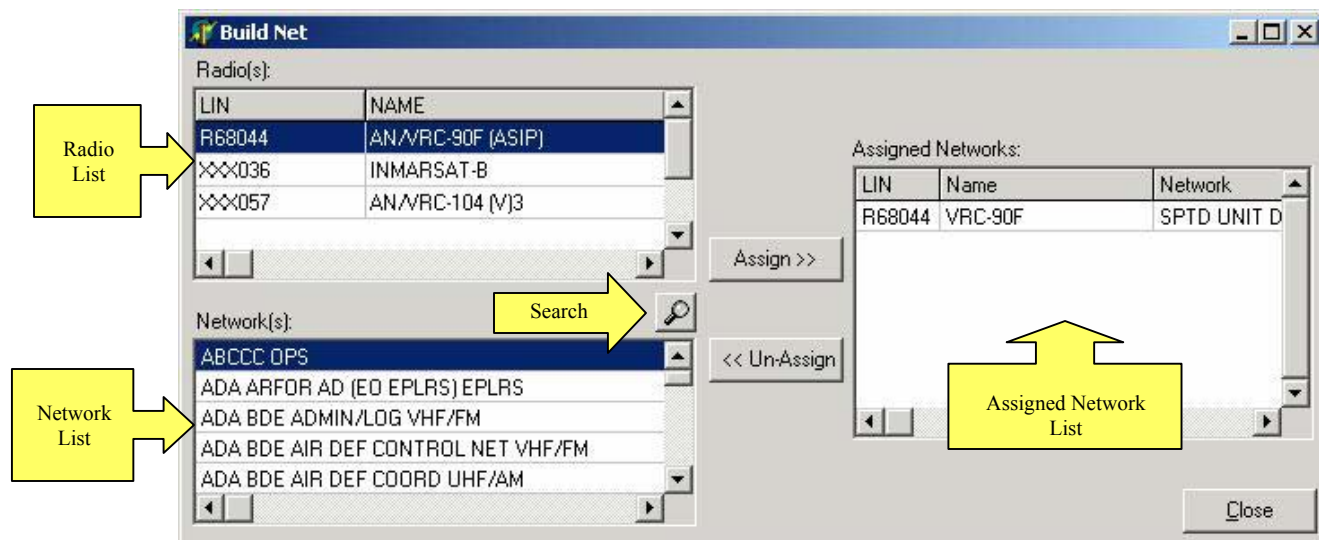
16. The search wizard gives you the ability to search by Name, LIN, or MATI ID. To change the search criteria move the mouse pointer to the column title of the column you wish to search and click the left mouse button and hold it down and drag the column to the first position. You can scroll through the list using the scroll bar on the right or you can type in the Search Characters box the beginning characters of the item you are trying to find. After finding the item in the list move the mouse pointer to that row in the item list box and click the left mouse button. Then move the mouse pointer to the ok button and click the left mouse button.
17. Complete the rest of the form and then move the mouse pointer to the **Save and Exit** button and click on the left mouse button.
18. To assign IER's to an ONN move the mouse pointer to the **Assign IER's** button and click the left mouse button to bring up the SV6 Builder.



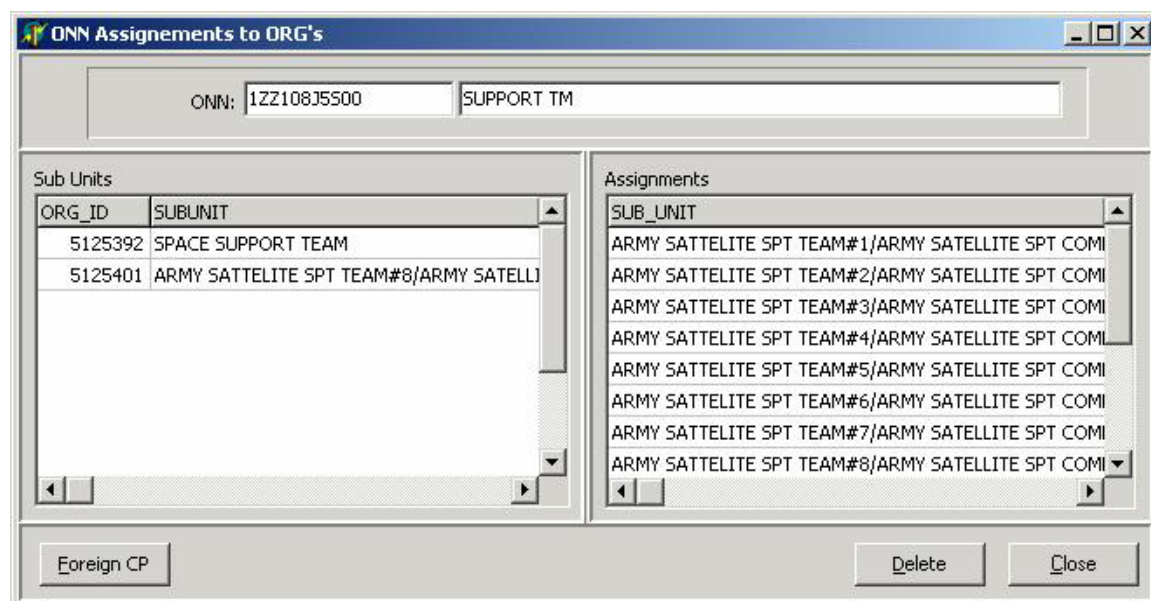
The screenshot shows the 'SV-6 Builder' window. At the top, it says 'Exchange Requirements For:'. Below this, there are two dropdown menus: 'Producer ONN: 1ZZ108J5S00 SUPPORT TM' and '(Select) Consumer ONN: 1ZZ1188DM0A CDR [ARSSC]'. A yellow callout box labeled 'Select Consumer ONN' points to the Consumer ONN dropdown. Below these is a table with columns: Type, Producer Function, Product, and Consumer Function. A yellow callout box labeled 'Function List' points to this table. The table contains two rows of data. Below the table are two sections: 'Change Sender' and 'Change Receiver'. Each section has a list of ONNs and ONN\_Ds. A yellow callout box labeled 'Select Sender ONN' points to the 'Change Sender' list, and another labeled 'Select Receiver ONN' points to the 'Change Receiver' list. Below these lists are fields for 'Sender' and 'Receiver', each with 'Transmit Equipment', 'Receive Equipment', 'Terminal Equipment', and 'Comm Medium' dropdowns. A yellow callout box labeled 'Add Equipment' points to the 'Add Equipment' button. At the bottom, there are buttons for 'SV-6 Report', 'Assign IER', and 'Close'.

19. Select the consumer ONN using the drop down.
20. Choose function from function list.
21. If the Sender and / or Receiver of the IER will be different from the Consumer and / or Producer check the appropriate box to choose a different Sender / Receiver. Then Choose from the list of ONN's.
22. Select the transmission equipment, communication medium, receiver equipment, terminal equipment, BAS, and networks using the drop downs provided. **NOTE:** *Some Sender Receiver Paris may not belong to a Network, example Secure Telephone.*
23. If no equipment exists on the ONN to satisfy the IER you can use the Add Equipment button to add equipment to the ONN.
24. When the form is complete you complete the IER by moving the mouse pointer over the top of **Assign IER** button and clicking the left mouse button.
25. To view the SV-6 report move the mouse pointer over the **SV6 Report** button and clicking the left mouse button.
26. To Assign Nets move the **mouse pointer** to the Assign Nets button and click the left mouse button.





27. Choose the equipment to be assigned to a net from the **Radio List** moving the mouse pointer over the item and clicking the left mouse button. Then select the Network from the **Network List** by moving the mouse pointer over the Desired net and clicking the left mouse button. You can search nets one of 2 ways. First you can use the scroll bar on the right hand sided of the **Network List** or you can use the search function. Clicking on the button that looks like a magnifying glass accesses the search function.
28. The final step is to move the mouse pointer to the **Assign** button and click the left mouse pointer. This will assign the equipment to the net selected. The assignment should appear in the **Assigned Networks List**.
29. To Un-Assign a network move the mouse pointer to the network to be un-assigned in the **Assigned Network List** and click the left mouse button. Then move the mouse pointer to the **Un-Assign** button and click the left mouse button.
30. To assign ONN's to organizations move the mouse pointer over the **Assign ONN's** button and click the left mouse button.



31. Select the Sub Unit from the **Sub Unit List** and double click the left mouse button. This should then add that unit to the **Assignments List**. If the ONN is to be assigned to a Foreign command

post move the mouse pointer to the Foreign CP button and click the left mouse button. This adds the ability to select from any organization in the architecture.

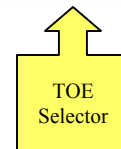
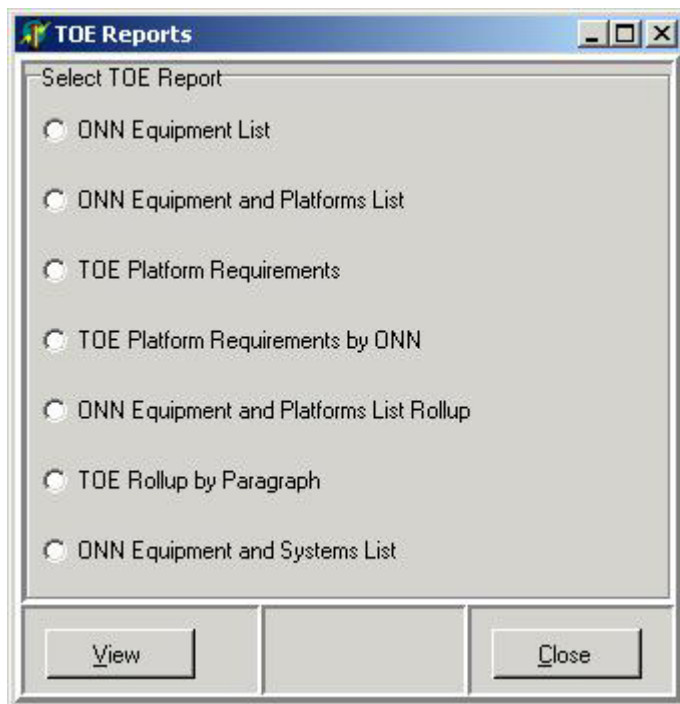
32. To delete an assignment select the assignment to be deleted from the Assignments list and then move the mouse pointer to the Delete button and click the left mouse button.

# **Chapter 18 – Generating TOE Reports**

1. Choose an architecture from the Architecture pull down **SBCT-4 (2nd CAV REGT)**
2. Then select the TOE Browser.
3. Select a TOE from the TOE selector pull down.

TOE: **01207F000** **ASSAULT TRP. (UH-60)**

4. Choose the **TOE Reports** button.



5. To view any report first move the mouse pointer to the radio control button and click the left mouse button.



6. Then move the mouse pointer to the **View** button and then click the left mouse button.

Printer Icon

Print Preview

102 %

Close

Main

- 01207F000
  - 1CA10UB200E
    - Page 1
  - 1ZZ00UB7000
    - Page 1
  - 1ZZ00UJ9203
    - Page 1
  - 1ZZ00UJ9205
    - Page 1
- ...more...

Page 1

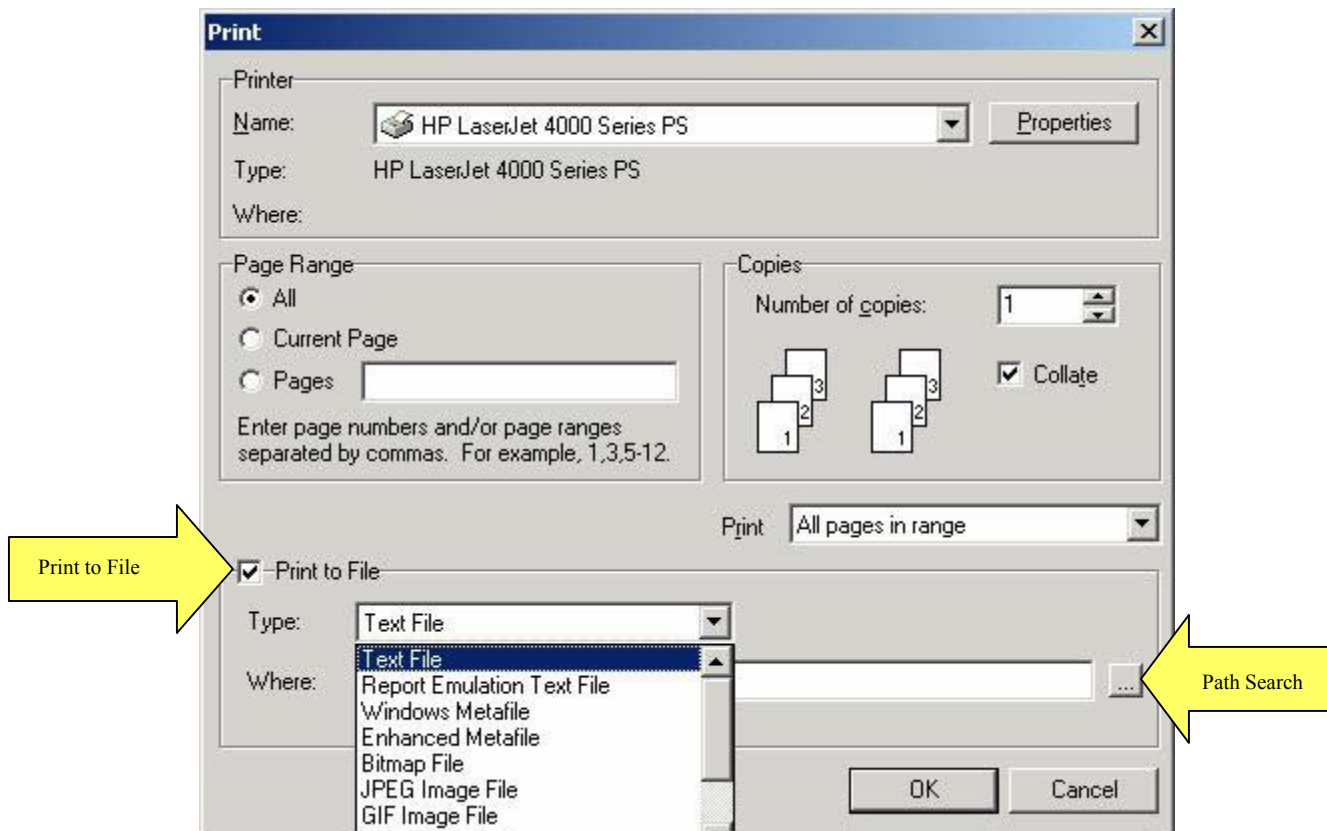
### Operational Network Node Equipment List for SBCT-4 (2nd CAV REGT)

TOE: 01207F000      ASSAULT TRP, (UH-60)

Para	Para Name	Operational Network Node	Tech Identifier	Short Name	QTY	OE
0001	TROOP HEADQUARTERS	1CA10UB200E	TRP COMMANDER			1
			G18358	3KW 60 HZ (SKID MTD)	1	
			C78783	AN/TVO-77 (V)1 (AMPS)	1	
			R68146	AN/VRC-91F (ASIP)	1	
			D41659	DVE (AN/VAS-5)	1	
			P49587	EPLRS V1 (AN/VSO-2 (V)1 (PJHD))	1	
			Z26542	FBCE2 (ANUYK-128)	1	
			Z59863	GPS RECEIVER (DAGR)	1	
			T61494	M998 A1 (HMMWV)	1	
			T95992	TRLR, CGO: 3/4 TON	1	
0001	TROOP HEADQUARTERS	1ZZ00UB7000	ASSAULT TRP ISG			1
			R83141	AN/PRC-119F (ASIP)	1	
			XXX086	SOLDIER	1	
0002	ASSAULT PLATOON	1ZZ00UJ9203	A2C2S HELICOPTER WITH CONSOLE			1
			Z98148	A2C2S MVR CDR'S ENVIRONMENT	1	
			R31541	AN/ARC-164	1	
			XXX083	AN/ARC-186	1	
			R38158	AN/ARC-201D	2	
			R81623	AN/ARC-228 (V)2	1	
			Z46328	AN/ASN-128	1	
			C52700	CRYPTOGRAPHIC SPEECH EQP: MTU TSI	1	
			C78895	OL-585/TYQ (ULLS-FL)	1	
			Z33664	UH-60M	1	
0002	ASSAULT PLATOON	1ZZ00UJ9205	A2C2S HELICOPTER WITHOUT CONSOLE			1
			R31541	AN/ARC-164	1	
			XXX083	AN/ARC-186	1	
			R38158	AN/ARC-201D	2	
			R81623	AN/ARC-228 (V)2	1	
			Z46328	AN/ASN-128	1	
			C52700	CRYPTOGRAPHIC SPEECH EQP: MTU TSI	1	

3/7/2003 7:32:00 AM      Printed By: JOE FICZERE      Page 1

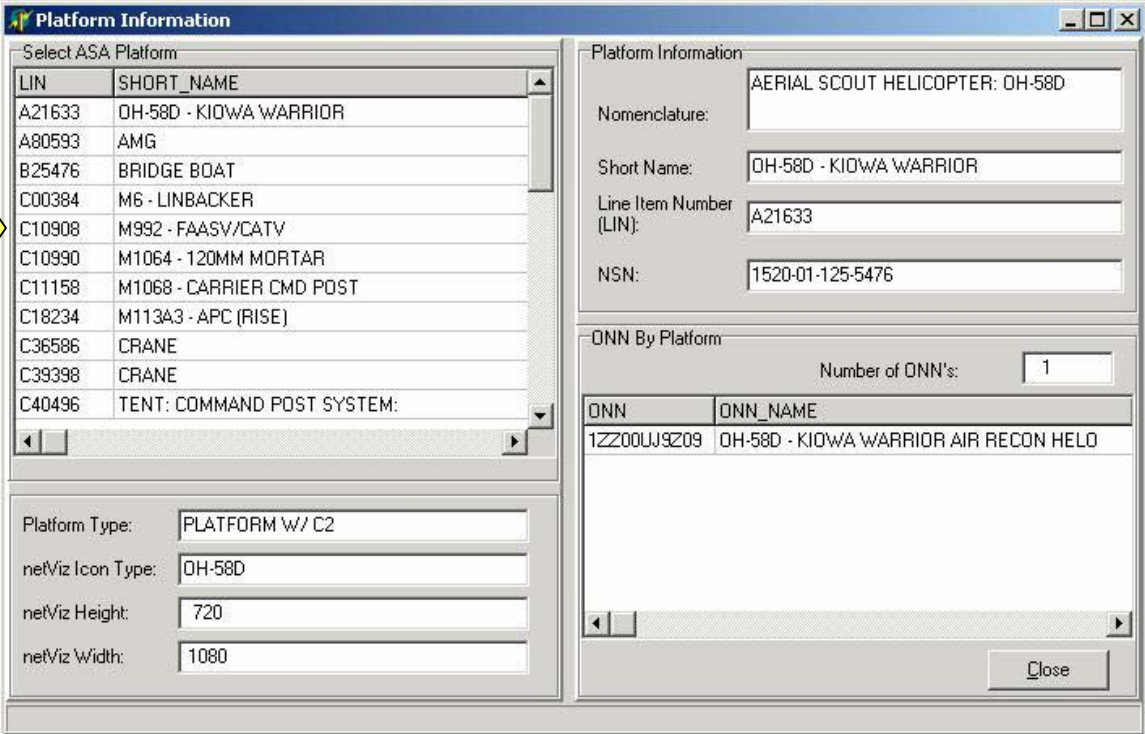
- To print this report you move the mouse pointer to the printer icon in the upper left hand corner of the window and click the left mouse button.



8. If you want to print this report to a file for e-mailing purposes move the mouse pointer to the Print to File check box and click the left mouse button. Then choose the Type of file you wish to create. Currently the program supports most major graphic formats as well as Adobe .pdf files, Excel Worksheets, Rich text file documents, HTML web documents and simple text files.
9. After selecting the type of file either type the path and directory you want the files saved to on your computer or use the path search button located next to the where data line.
10. Save file.

# **Chapter 19 – Platform Information**

1. The Platform Information screen provides a quick view of all platforms available for assignment to an ONN.



**Platform Information**

Select ASA Platform

LIN	SHORT_NAME
A21633	OH-58D - KIOWA WARRIOR
A80593	AMG
B25476	BRIDGE BOAT
C00384	M6 - LINBACKER
C10908	M992 - FAASV/CATV
C10990	M1064 - 120MM MORTAR
C11158	M1068 - CARRIER CMD POST
C18234	M113A3 - APC (RISE)
C36586	CRANE
C39398	CRANE
C40496	TENT: COMMAND POST SYSTEM:

Platform Type: PLATFORM W/ C2

netViz Icon Type: OH-58D

netViz Height: 720

netViz Width: 1080

Platform Information

Nomenclature: AERIAL SCOUT HELICOPTER: OH-58D

Short Name: OH-58D - KIOWA WARRIOR

Line Item Number (LIN): A21633

NSN: 1520-01-125-5476

ONN By Platform

Number of ONN's: 1

ONN	ONN_NAME
1ZZ00UJ9Z09	OH-58D - KIOWA WARRIOR AIR RECON HELO

Close

2. Detailed information about the Platform is displayed on the right.
3. If the Platform is assigned to an ONN in the currently selected architecture the ONN will be displayed in the ONN By Platform List on the lower right of the screen.
4. This window is for information purpose only.



# **Chapter 20 – Using Browsers**

1. The **TOE Browser** is the primary access point for viewing and working with TOE's and ONN's.

TOE: 01207F000 ASSAULT TRP, (UH-60)

Operational Network Node

ONN	OE_MULT	ONN_DESC	PARA	PARA_TITLE
1ZZ10UB200E	1	AVN CO/TRP COMMANDER/VEHICLE (FXXI)	0001	TROOP HEADQUARTERS
1ZZ10UB7000	1	AVN COMPANY 1SG (FXXI & AOE)	0001	TROOP HEADQUARTERS
1ZZ10UE2009	2	AVN FLT PLT LDR/VEH (FXXI)	0002	ASSAULT PLATOON
1ZZ10UJ9Z03	1	A2C2S HELICOPTER WITH CONSOLE (FXXI)	0002	ASSAULT PLATOON
1ZZ10UJ9Z04	6	UH-60M BLACKHAWK HELICOPTER (FXXI & .	0002	ASSAULT PLATOON
1ZZ10UJ9Z05	1	A2C2S HELICOPTER WITHOUT CONSOLE (F	0002	ASSAULT PLATOON

Buttons: Edit / Delete ONN, Build New ONN, Check Assignments, TOE Reports, ASA-C TOE All SYSTEM, Close

2. The TOE Browser is used when doing the following actions.
  - a. Edit /Delete ONN

Operational Network Nodes:

ONN	OE	ONN_DESC	PARA	PARA TITLE
1CA10UB200E	1	TRP COMMANDER	0001	TROOP HEADQUARTERS
1ZZ10UE2009	2	AVN FLT PLT LDR (ECB)	0002	ASSAULT PLATOON
1ZZ10UJ9Z04	6	UH60 BLACKHAWK HELIC	0002	ASSAULT PLATOON
1ZZ00UB7000	1	ASSAULT TRP ISG	0001	TROOP HEADQUARTERS
1ZZ00UJ9Z03	1	A2C2S HELICOPTER WITH	0002	ASSAULT PLATOON
1ZZ00UJ9Z05	1	A2C2S HELICOPTER WITH	0002	ASSAULT PLATOON

Proposed ONN:

1CA10UB200E

Name: TRP COMMANDER

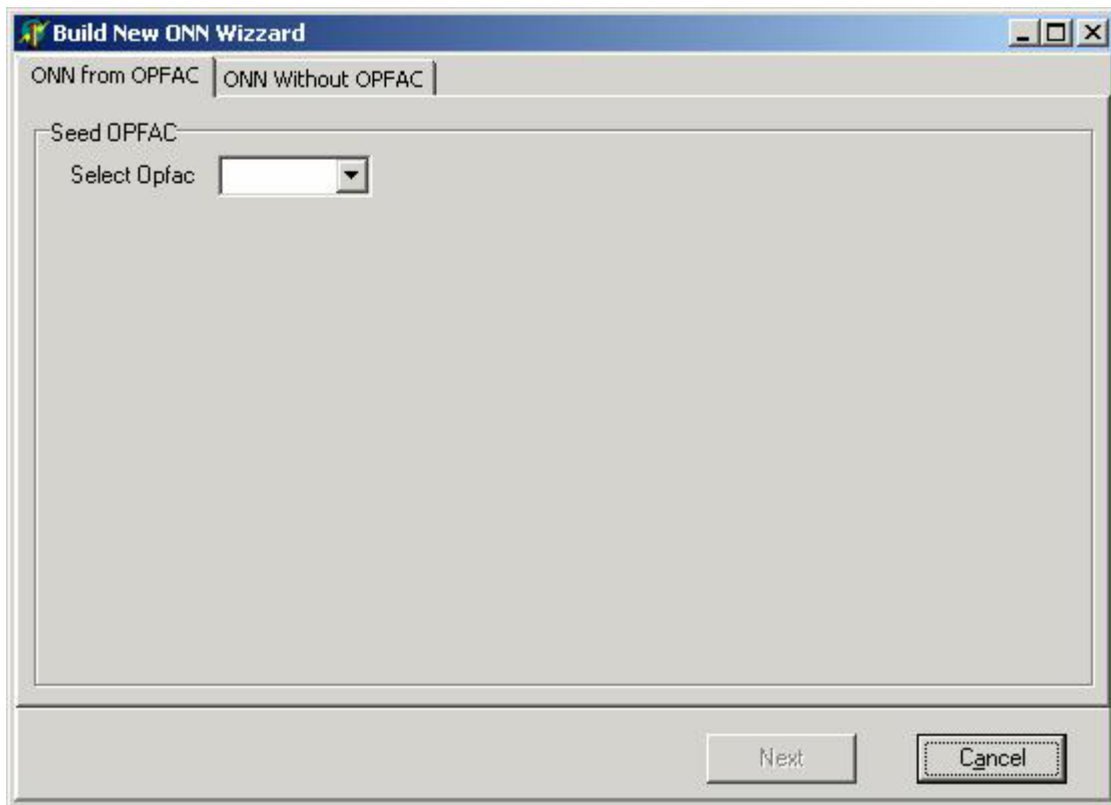
TOE Paragraph: 0001 ONN Multiplier: 1

Para Title: TROOP HEADQUARTERS

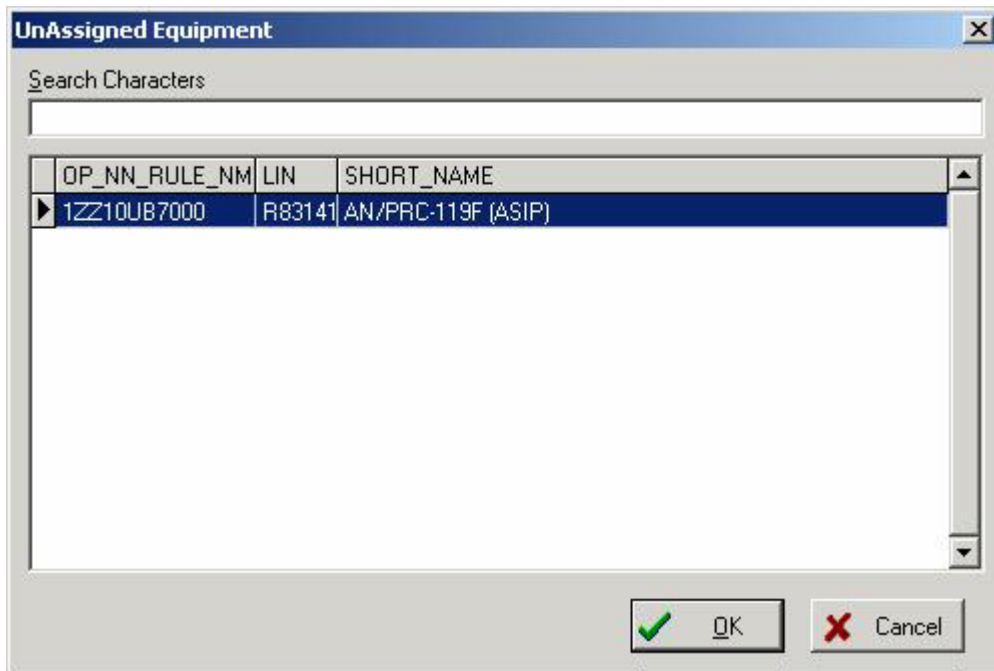
Rationale: FXXI REQUIREMENTS

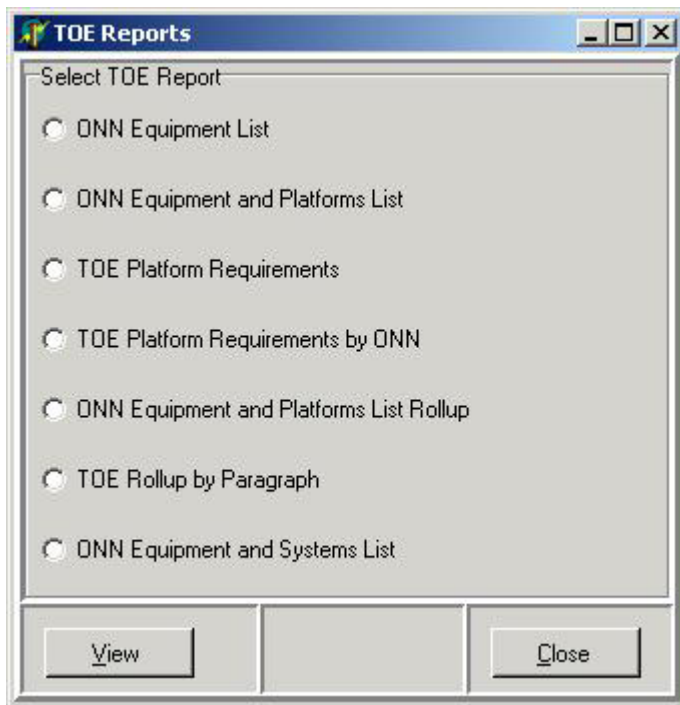
Buttons: Delete, Save, Close

- b. Build New ONN (*See Chapter 16 – Building the Operational Network Node*)



- c. Check equipment Assignments – to use this option click on the ONN to check then click on the Check Assignments buttons.



d. TOE Reports – (*See Chapter 18 – Generate TOE Reports*)

- e. All System counts – This will show all systems associated with a TOE on the left side and the right side contains the detailed information about each system and the location of that system in the TOE.
- All Systems Reports
  - Toe Equipment Report

UNCLASSIFIED

TOE: 01207F000 ASSAULT TRP, (UH-60)

LIN	Short Name	Total	FD	TS
C78783	AN/TYQ-77 (V)1 (AMPS)		Yes	Yes
C78895	OL-585/TYQ (ULLS-FL)		Yes	Yes
D41659	DVE (AN/VAS-5)		Yes	Yes
P49587	EPLRS V1 (AN/VSQ-2)		Yes	Yes
R68146	AN/VRC-91F (ASIP)		Yes	Yes
R83141	AN/PRC-119F (ASIP)		Yes	Yes
T61494	M998 A1 (HMMwV)		No	No
Z26542	FBCB2 (AN/UYK-128)		Yes	Yes
Z33664	UH-60M		Yes	Yes
Z59863	GPS RECEIVER (DAGR)		Yes	Yes
Z90140	A2C2S MVR CDR'S EN		Yes	Yes

Name: AN/TYQ-77 (V)1 (AMPS)

LIN: C78783 TOTAL: 1

Description: COMP SYS DIGIT: AN/TYQ-77V1 AMPS

PARA	ONN	ONN Title	MULT	Qty	TOTAL
0001	1ZZ10UB200E	AVN CO/TRP COMMANDE	1	1	1

All Systems Report TOE Equipment Report Close

Print Preview

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1

Close

Main  
01207F000  
Page 1

### ASA TOE All Systems Report for SBCT-4 (2CR) - New keep me

TOE: 01207F000 ASSAULT TRP, (UH-60)

LN	Short Name	Total
C78783	AN/TYQ-97 (V) (AMP)	1
C78895	OL-565/TYQ (ULLS-FL)	8
D41659	BVE (AN/VAS-5)	1
P49587	EPLRS V1 (AN/VSQ-2 (V) (CHD))	1
R60146	AN/VRC-91F (ASIP)	3
R03141	AN/PRC-119F (ASIP)	1
T01494	MD98 A1 (ODMWV)	1
Z26542	FBCE2 (AN/UYK-120)	1
Z33664	UH-60M	8
Z09663	GPS RECEIVER (DAGR)	3
Z04140	A2C25 MVR CBR'S ENVIRONMENT	1

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Print Preview

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TOE Equipment By ONN Location for SBCT-4 (2CR) - New kee

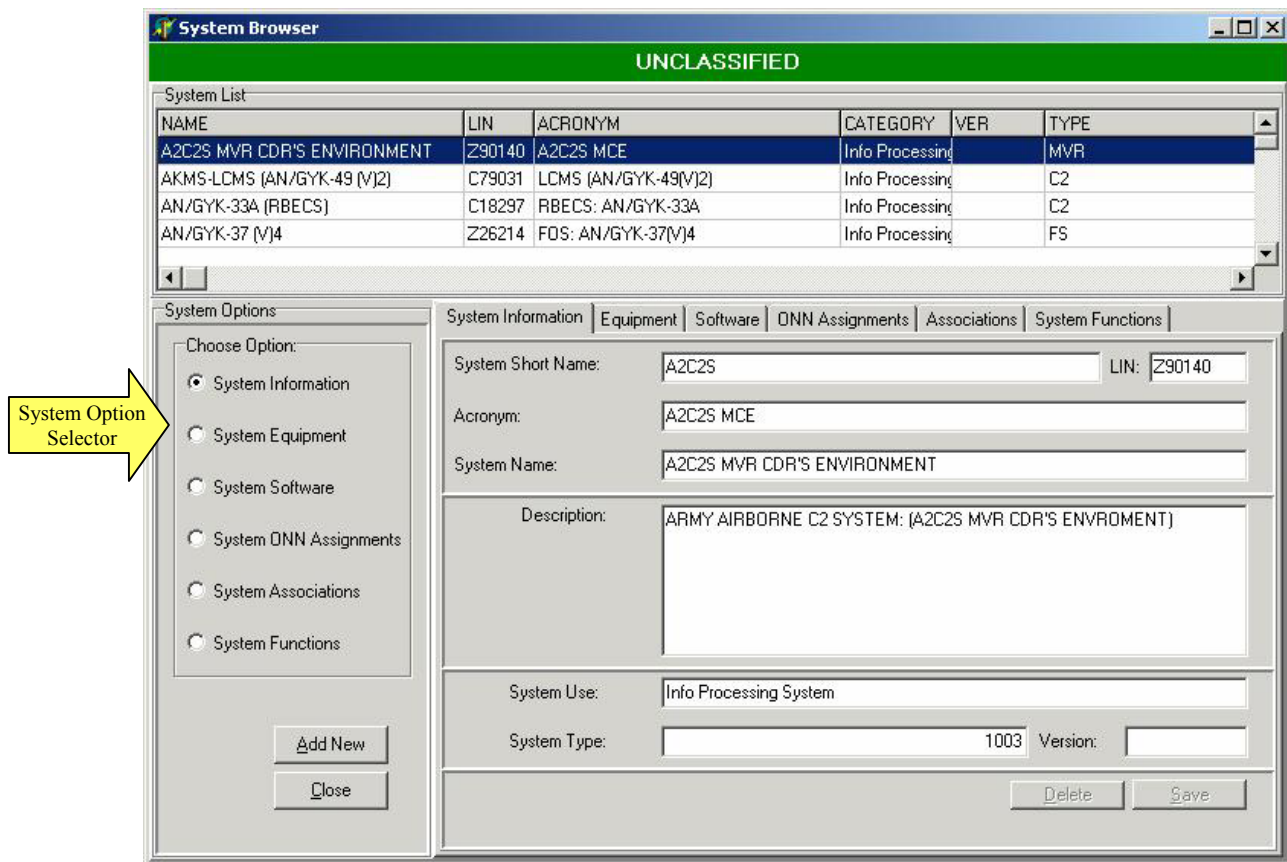
TOE: 01207F000  
LIN: C78895 Equipment: OL-585/TYQ (ULLS-FL)

Para	ONN	ONN Title	Mult	Qty	TOTAL
0002	1X216U99M3	A7C75 HELICOPTER WITH CONSOLE (FXCI & A0)	1	1	1
0002	1X216U99M4	UH-60M BLACKHAWK HELICOPTER (FXCI & A0E)	6	1	6
0002	1X216U99M5	A7C25 HELICOPTER WITHOUT CONSOLE (FXCI & A0)	1	1	1

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- f. Access point to the ONN Info – Double Click on the ONN to access the ONN Information page (*See Chapter 17 – Create a system Architecture*)
3. System Browser – is the source for Systems information. To navigate the different systems options you can click on the Tab or the Radio button selector.



**System Browser** UNCLASSIFIED

System List

NAME	LIN	ACRONYM	CATEGORY	VER	TYPE
A2C2S MVR CDR'S ENVIRONMENT	Z90140	A2C2S MCE	Info Processing		MVR
AKMS-LCMS (AN/GYK-49 (V)2)	C79031	LCMS (AN/GYK-49(V)2)	Info Processing		C2
AN/GYK-33A (RBECS)	C18297	RBECS: AN/GYK-33A	Info Processing		C2
AN/GYK-37 (V)4	Z26214	FDS: AN/GYK-37(V)4	Info Processing		FS

System Options

Choose Option:

- ☒ System Information
- ☐ System Equipment
- ☐ System Software
- ☐ System ONN Assignments
- ☐ System Associations
- ☐ System Functions

Add New Close

System Information | Equipment | Software | ONN Assignments | Associations | System Functions

System Short Name: A2C2S LIN: Z90140

Acronym: A2C2S MCE

System Name: A2C2S MVR CDR'S ENVIRONMENT

Description: ARMY AIRBORNE C2 SYSTEM: (A2C2S MVR CDR'S ENVIRONMENT)

System Use: Info Processing System

System Type: 1003 Version:

Delete Save

a. System Information

System Information | Equipment | Software | ONN Assignments | Associations | System Functions

System Short Name: A2C2S LIN: Z90140

Acronym: A2C2S MCE

System Name: A2C2S MVR CDR'S ENVIRONMENT

Description: ARMY AIRBORNE C2 SYSTEM: (A2C2S MVR CDR'S ENVIRONMENT)

System Use: Info Processing System

System Type: 1003 Version:

Delete Save

## b. System Equipment

System Information	Equipment	Software	ONN Assignments	Associations	System Functions
--------------------	-----------	----------	-----------------	--------------	------------------

Sys ID:  System:  LIN:

Number of Items Associated with Systems:

System Equipment

LIN	SHORT_NAME	QTY	SC_CODE
XXX009	CHS-2 VCU-2	5	Component
XXX293	TOC INTERCOM	1	Component
XXX842	DISPLAY UNIT	3	Component
XXX883	JCIT	1	Component

## c. System Software

System Information	Equipment	Software	ONN Assignments	Associations	System Functions
--------------------	-----------	----------	-----------------	--------------	------------------

System:

System Software

NAME	VERS	SW_TYPE	COTS	GOTS
JCDB Kernel (MCS)		Application	N	Y
MCAFEЕ VIRUS SCAN		Security	Y	N
ABCS VER 6.2 SOFTWARE		Application	N	Y
ASAS VER 6.2.1	6.2.1	Application	N	Y

## d. System ONN Assignments



System Information	Equipment	Software	ONN Assignments	Associations	System Functions
--------------------	-----------	----------	-----------------	--------------	------------------

System:

ONN Assignments: Total Assigned:

TOE	QTY	PARA	ONN
17462F000	1	0001	1CA00A5200C
34453F000	1	0008	1JA00JJ9N0P

## e. System Associations

System Information	Equipment	Software	ONN Assignments	Associations	System Functions
--------------------	-----------	----------	-----------------	--------------	------------------

Sys ID:  Ordinate System:

Number of System Associations:

Subordinate System(s):

SUBORDINATE_SYSTEM_NAME	SC_CODE	SYSA_TYPE	INTEROP
ACT-E (AN/TYQ-103 )	Secret	Interfaces with	1a
AN/GYQ-88 (AMDWS)	Secret	Interfaces with	1a
AN/GYK-47 (V)1	Secret	Interfaces with	1a
AN/GYK-47 (V)3	Secret	Interfaces with	1a
CI & OPS WS (AN/PYQ-7 (V)1)	Secret	Not known	1a
ASAS VCU (AN/TYQ-93 (V)	Secret	Not known	1a
ASAS LAPTOP (AN/TYQ-93)	Secret	Not known	1a
CSSCS (AN/TYK-22 (V)1)	Secret	Interfaces with	1a
CSSCS BN (AN/TYK-23(V)1)	Secret	Interfaces with	1a
DTSS-D (AN/TYQ-71)	Secret	Not known	1a
DTSS-L (AN/TYQ-67CV)	Secret	Not known	1a

## f. System Functions

System Information		Equipment	Software	ONN Assignments	Associations	System Functions														
LIN: C18176		SYSTEM: ACT-E (AN/TYQ-103 )ACT-E																		
Created On: <input type="text"/>		Created By: <input type="text"/>		Version: <input type="text"/>																
Name: <input type="text"/>		URL: <input type="text"/>																		
Scope: <input type="text"/>		Class Category: <input type="text"/>																		
Existing Documents																				
<input type="checkbox"/>	DOC_ID	SYS_DOC_ROLE_CD	DOC_NM																	
<input checked="" type="checkbox"/>	12781	1																		
<input type="checkbox"/>	12926	1	ACT-E																	
<table border="1"> <tr> <td><input type="checkbox"/></td> <td>TSK_ID</td> <td>TSK_NM</td> <td><input type="checkbox"/></td> <td>SYS_ID</td> <td>TASK_ID</td> <td>ARCH_ID</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> </tr> </table>							<input type="checkbox"/>	TSK_ID	TSK_NM	<input type="checkbox"/>	SYS_ID	TASK_ID	ARCH_ID	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
<input type="checkbox"/>	TSK_ID	TSK_NM	<input type="checkbox"/>	SYS_ID	TASK_ID	ARCH_ID														
<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>																	
						SV4 Report														
						Save														

#### 4. All System / Platform Rollups

**Rollups**

All Systems and Platform Rollups for: SBCT-4 (2nd CAV REGT)

Top Organization: 2nd Cavalry Regiment

All Systems Rollup

BOS	LIN	SHORT NAME	DESCRIPTION	TOTAL
ADA	Z25032	ADAM VAN (AN/TSQ-282)	COMMUNICATIONS CONTROL SET: AN/TSQ-282	1
C2	XXX27E	ADC/IP	ADCIP	18
C2	C79031	AKMS-LCMS (AN/GYK-49 (V)2)	COMPUTER SET GENERAL: AN/GYK-49(V)2	1
C2	R31541	AN/ARC-164	RECEIVER-TRANSMITTER RADIO: RT-1167/ARC-1	41
C2	XXX003	AN/ARC-186	AN/ARC-186 - RADIO SET,	41
C2	R78681	AN/ARC-201AV	RECVR RADIO: RT-1477A/ARC-201AV	66

Platform Rollup

LIN	SHORT_NAME	DESCRIPTION
G74779	10KW 400 HZ (SKID MTD)	GEN SET: DED SKID MTD 10KW 400HZ
G74711	10KW 60 HZ (SKID MTD)	GEN SET: DED SKID MTD 10KW 60HZ
G12170	15KW 50/60 HZ (SKID MTD)	GEN SET: DED SKID MTD 15KW 50/60HZ
G36169	28VDC (SKID MTD)	GENERATOR SET DIESEL: 28V DC (SKID MTD)
G18358	3KW 60 HZ (SKID MTD)	GEN SET: DED SKID MTD 3KW 60HZ
G36237	3KW TAC GEN 60HZ (SKID MTD)	GENERATOR SET DIESEL: 60HZ AC (SKID MTD)
G11966	5KW 60 HZ (SKID MTD)	GEN SET: DED SKID MTD 5KW 60HZ

Close

- a. To Access Systems Equipment by Location select a system from the All Systems Rollup list and double click the left mouse button.

**Equipment by Location**

LIN:  Short Name:

Description:

Funded:  TOE Supported:

Equipment Locations:

TOE	PARA	ONN	ONN_TITLE	UNIT
17462F000	0001	1CA00A5200C	CDR STRYKER	2CR/HHT
17462F000	0001	1CA00A52400	S3 OFF STRYKER	2CR/HHT
17462F000	0002	1CM00A5240P	MNVR SEC CP1	2CR/HHT
17462F000	0003	1JA00A5230B	INTEL SEC CP1	2CR/HHT
17462F000	0006	1CM01A5240Q	MNVR SEC CP2	2CR/HHT
17462F000	0007	2JA01A5230D	INTELL SEC CP2	2CR/HHT
17466F000	0001	1CA00A8200C	SQDN CDR STRYKER	1-2 CAV SQDN/HHT
17466F000	0001	1CA00A8200C	SQDN CDR STRYKER	2-2 CAV SQDN/HHT

Print Preview

Close

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Main

- 17462F000
  - Page 1
- 17466F000
  - Page 1

### All Systems ONN Allocation Report for: SBCT-4 (2nd CAV REC

LDN: XXX276      Short Name: ADC/TP

Descriptions:      ADCIP

TOE: 17462F000

Unit Name	ONN Rule and Title	QTY	Funded	TOE Spd
2CR/HHT	1CA00A5200C CDR STRYKER	1	Funded	Unsupported
2CR/HHT	1CA00A52400 S3 OFF STRYKER	1	Funded	Unsupported
2CR/HHT	1CM00A5240P MVR SEC CP1	1	Funded	Unsupported
2CR/HHT	1IA00A5230B INTELL SEC CP1	1	Funded	Unsupported
2CR/HHT	1CM01A5240Q MVR SEC CP2	1	Funded	Unsupported
2CR/HHT	2IA01A5230D INTELL SEC CP2	1	Funded	Unsupported

TOE: 17466F000

Unit Name	ONN Rule and Title	QTY	Funded	TOE Spd
1-2 CAVSODN/HHT	1CA00A6200C SQDN CDR STRYKER	1	Funded	Unsupported
2-2 CAVSODN/HHT	1CA00A6200C SQDN CDR STRYKER	1	Funded	Unsupported
3-2 CAVSODN/HHT	1CA00A6200C SQDN CDR STRYKER	1	Funded	Unsupported
1-2 CAVSODN/HHT	1Z200A6240N SQDN S3 OFF STRYKER	1	Funded	Unsupported
2-2 CAVSODN/HHT	1Z200A6240N SQDN S3 OFF STRYKER	1	Funded	Unsupported
3-2 CAVSODN/HHT	1Z200A6240N SQDN S3 OFF STRYKER	1	Funded	Unsupported
1-2 CAVSODN/HHT	1CM00A6240B SQDN OPS SEC	1	Funded	Unsupported
2-2 CAVSODN/HHT	1CM00A6240B SQDN OPS SEC	1	Funded	Unsupported
3-2 CAVSODN/HHT	1CM00A6240B SQDN OPS SEC	1	Funded	Unsupported
1-2 CAVSODN/HHT	1Z200A6230B SQDN INTELL SEC	1	Funded	Unsupported
2-2 CAVSODN/HHT	1Z200A6230B SQDN INTELL SEC	1	Funded	Unsupported
3-2 CAVSODN/HHT	1Z200A6230B SQDN INTELL SEC	1	Funded	Unsupported

ADC/TP      System Grand Total: 19

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- b. To access the Platforms by Location select the platform from the Platform Rollup list and double click the left mouse button.

**Platforms by Location**

LIN:  Short Name:

Description:

Funded:  TOE Supported:

Equipment Locations:

TOE	PARA	ONN	ONN_TITLE	UNIT	TOTAL
01207F000	0001	1CA10UB200E	TRP COMMANDER	4-2 RAS/S TRP (ASSTL)/HQ	
01367F000	0001	1CA10UB200E	AVN TRP CDR	4-2 RAS/N TRP/(AIR RECON TRP)	
01367F000	0001	1CA10UB200E	AVN TRP CDR	4-2 RAS/O TRP/(AIR RECON)/HQ	
01367F000	0001	1CA10UB200E	AVN TRP CDR	4-2 RAS/P TRP/(AIR RECON)/HQ	
01466F2CR	0004	1MA00UH2400	AVN BN/SQDN S3 SEC	4-2 RAS/SQDN/HHT	
01466F2CR	0005	1MA10UH7101	AVN SQDN TAC CP	4-2 RAS/SQDN/HHT	
01466F2CR	0007	1MA10UH250D	AVN SQDN S4 SEC	4-2 RAS/SQDN/HHT	
01466F2CR	0010	4ZZ00UJE70G	MOTOR SGT/MAINT OFF	4-2 RAS/SQDN/HHT	

**Print Preview**

Main: G18358

- 01207F000
  - 4-2 RAS/S TRP (ASSTL)
    - Page 1
- 01367F000
  - 4-2 RAS/N TRP/(AIR F
    - Page 1
  - 4-2 RAS/O TRP/(AIR I
    - Page 1
  - 4-2 RAS/P TRP/(AIR I
    - Page 1
- 01466F2CR
  - 4-2 RAS/SQDN/HHT
    - Page 1
- 01487F000
  - 4-2 RAS/O TRP (ATK)
    - Page 1
- 01949F2CR
  - 4-2 RAS/ AVIM CO / A
    - Page 1
- 05053F000
  - ENGR CO
    - Page 1
- 08408F000
  - 2ICR RSS MED TRP
    - Page 1
- 11403F000
  - 2ICR SIGNAL CO
    - Page 1
- 43407F000
  - 2ICR MAINT TRP SPT
    - Page 1

**Platform ONN Allocation Report for: SBCT-4 (2nd CAV REGT)**

LIN: G18358 Short Name: 3KW 60 HZ (SKID MTD)  
Description: GEN SET: DED SKID MTD 3KW 60HZ

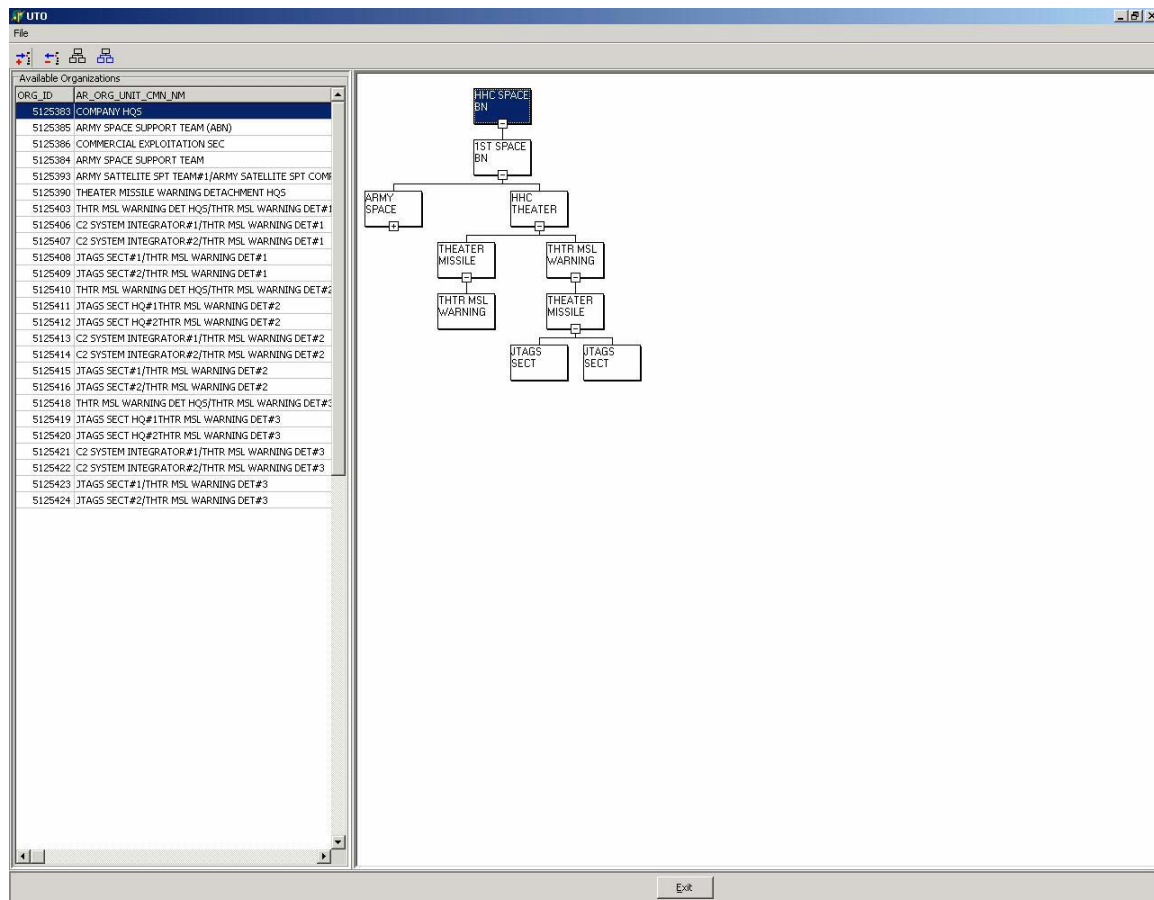
Unit Name	ONN and Title	QTY	Funded	TOE Spd
4-2 RAS/S TRP (ASSTL)/HQ	1CA10UB200E TRP COMMANDER	1	Funded	Supported
<b>TOE: 01367F000</b>				
4-2 RAS/N TRP/(AIR RECON TRP)/HQ	1CA10UB200E AVN TRP CDR	1	Funded	Supported
<b>Unit Name</b>	<b>ONN and Title</b>	<b>QTY</b>	<b>Funded</b>	<b>TOE Spd</b>
4-2 RAS/O TRP/(AIR RECON)/HQ	1CA10UB200E AVN TRP CDR	1	Funded	Supported
<b>Unit Name</b>	<b>ONN and Title</b>	<b>QTY</b>	<b>Funded</b>	<b>TOE Spd</b>
4-2 RAS/P TRP/(AIR RECON)/HQ	1CA10UB200E AVN TRP CDR	1	Funded	Supported
<b>TOE: 01466F2CR</b>				
<b>Unit Name</b>	<b>ONN and Title</b>	<b>QTY</b>	<b>Funded</b>	<b>TOE Spd</b>
4-2 RAS/SQDN/HHT	1MA00UH2400 AVN BN/SQDN S3 SEC	1	Funded	Supported
4-2 RAS/SQDN/HHT	1MA10UH7101 AVN SQDN TAC CP	1	Funded	Supported
4-2 RAS/SQDN/HHT	1MA10UH250D AVN SQDN S4 SEC	1	Funded	Supported
4-2 RAS/SQDN/HHT	4ZZ00UJE70G MOTOR SGT/MAINT OFF	1	Funded	Supported
4-2 RAS/SQDN/HHT	1CA10UB200E AVN RETRANS TEAM	1	Funded	Supported
<b>TOE: 01487F000</b>				
<b>Unit Name</b>	<b>ONN and Title</b>	<b>QTY</b>	<b>Funded</b>	<b>TOE Spd</b>
4-2 RAS/O TRP (ATK)/HQ	1CA10UB200E AVN TRP CDR	1	Funded	Supported
<b>TOE: 01949F2CR</b>				
<b>Unit Name</b>	<b>ONN and Title</b>	<b>QTY</b>	<b>Funded</b>	<b>TOE Spd</b>
4-2 RAS/ AVIM CO / AVIM CO HQ	14ZZ00UJ200 WHEEL VEH RPR SPT VEH	1	Funded	Supported
<b>TOE: 05053F000</b>				
<b>Unit Name</b>	<b>ONN and Title</b>	<b>QTY</b>	<b>Funded</b>	<b>TOE Spd</b>
ENGR CO	2CA008B7007 CO 150T	1	Funded	Supported
<b>TOE: 08408F000</b>				
<b>Unit Name</b>	<b>ONN and Title</b>	<b>QTY</b>	<b>Funded</b>	<b>TOE Spd</b>
2ICR RSS MED TRP	1CA110HPU09 PREVENTIVE MED SEC	1	Funded	Supported
2ICR RSS MED TRP	1CA100E200F TRMT FLT LDR	1	Funded	Supported
2ICR RSS MED TRP	1CA100T804 DS TRMT TM	2	Funded	Supported
<b>TOE: 11403F000</b>				
<b>Unit Name</b>	<b>ONN and Title</b>	<b>QTY</b>	<b>Funded</b>	<b>TOE Spd</b>
2ICR SIGNAL CO	1CA0057800F EPLRS GATEWAY TM	2	Funded	Supported
2ICR SIGNAL CO	1CA00572004 RETRANS TM	3	Funded	Supported
<b>TOE: 43407F000</b>				
<b>Unit Name</b>	<b>ONN and Title</b>	<b>QTY</b>	<b>Funded</b>	<b>TOE Spd</b>
2ICR MAINT TRP SPT SQN	1CA1008E702 MAINT CO CP	1	Funded	Supported
3KW 60 HZ (SKID MTD)			System Grand Total:	22

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# **Chapter 21 – Unit Task Organization (UTO)**

## Chapter 20 – Unit Task Organization (UTO)

1. The Unit Task Organization (UTO) is used to establish the hierarchical relationship between organizations for a given architecture.



2. Move the mouse pointer to the Parent org and click the left mouse button.
3. Then move the mouse pointer to the org list and click on the item to be placed under the parent org.
4. Move the mouse pointer to the insert node button on the tool bar and click the left mouse button.
5. You may also double click the org from the org list and this will place the node as well.
6. If a node needs to be moved in the UTO structure move the mouse pointer over the node to be moved and click and hold the left mouse button. Drag the org to the new parent org and release the mouse button.
7. To delete an org from the UTO list move the mouse pointer to the org and click the left mouse button. Then move the mouse pointer to the delete org button on the menu bar and click the left mouse button. You may also right click on a node and select delete from the pop-up menu.



# **Chapter 22 – Miscellaneous Views**

22-2

3/11/2003

2. The SV5 or system function can be accessed from the Switchboard.

	A	B	C	D	E	F	G	H	I	J	K
1	System Function Matrix (SV5) for 1st Space Bn	CONDUCT INTELLIGENCE PREPARATION OF THE BATTLEFIELD (IPB)	PROCESS AND PRODUCE INTELLIGENCE	CONDUCT PREDEPLOYMENT ACTIVITIES	CONDUCT REDEPLOYMENT ACTIVITIES	NAVIGATE	PREPARE TO EXECUTE AIR DEFENSE	PROCESS TACTICAL AERIAL TARGETS	SEARCH FOR AERIAL TARGETS	DETECT AERIAL TARGETS	LOCATE AERIAL TARGETS
2	ARMY SPACE SUPPORT TACTICAL SET										
3	COMMERCIAL EXPLOITATION TACTICAL SET										
4	CSSCS: AN/TYK-23 (V)1										
5	GCSS-A SPR-SNGL USER: AN/TYQ-109(V)1										
6	ISYSCON (V)4										
7	JTAGS										
8	RBECS: AN/GYK-33A										
9	SAMS-1: OL-590										
10	SIDPERS 3 (AN/TYQ-116(V)2-LE SVR)										
11	SIDPERS 3 (AN/TYQ-116(V)3-LAPTOP)										
12	SIDPERS 3 (AN/TYQ-116(V)3-WS)										
13	TC-AIMS II (INTERROGATOR)										
14	TC-AIMS II (LAPTOP)										
15											
16											

- NetViz drawings for the SV1/2 can be done from the switchboard. NOTE: You must have NetViz version 5.0 installed on the computer running a NetViz diagram. Later and earlier versions of NetViz will not function.



4. Choose the size of paper to be used and then click on the Build NetViz button.